F... FENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:
SCIENTIFIC-ATLANTA, INC.
Attn. BARNHARDT III, Hubert J
Intellectual Property Department
One Technology Parkway South
Norcross, GA 30092
UNITED STATES OF AMERICA

PCT

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

One Technology Parkway South Norcross, GA 30092 UNITED STATES OF AMERICA	(PCT Rule 44.1)
	Date of mailing (day/month/year) 01/09/2000
Applicant's or agent's file reference	
F-6591-PC	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No.	International filing date (day/month/year) 00/06/2000
PCT/US 00/15963	(day/montr/year) 09/06/2000
Applicant	
SCIENTIFIC-ATLANTA INC	
The applicant is hereby notified that the International Searci Filling of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claim. When? The time limit for filing such amendments is norm international Search Report, however, for more de Where? Directly to the International Internationa	ns of the International Application (see Rule 46): ally 2 months from the date of transmittal of the trails, see the notes on the accompanying sheet.
The applicant is hereby notified that no International Search Article 17(2)(a) to that effect is transmitted herewith.	h Report will be established and that the declaration under
	onal fee(s) under Rule 40.2, the applicant is notified that: n transmitted to the International Bureau together with the test and the decision thereon to the designated Offices.
no decision has been made yet on the protest; the app	olicant will be notified as soon as a decision is made.
4. Further action(s): The applicant is reminded of the following:	
Shortly after 18 months from the priority date, the international ag if the applicant wishes to avoid or postpone publication, a notice priority claim, must reach the International Bureau as provided completion of the technical preparations for international publica	e of withdrawal of the international application, or of the in Rules 90bis.1 and 90bis.3, respectively, before the
Within 19 months from the priority date, a demand for internation wishes to postpone the entry into the national phase until 30 mg	

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the

Name and mailing address of the International Searching Authority

European Patent Office, P.B. 5818 Patentilaan 2

Name 200 H. Piliyawijk

Tel. (+31-70) 340-2040, Tx. 31 651 epc nl, Face (+31-70) 340-3016

priority date or could not be elected because they are not bound by Chapter II.

Authorized officer
Hans Pettersson

SEP 0 6 2000

SCIENTIFIC-ATLANTA, INC.

FAIENT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference		of Transmittal of International Search Report 220) as well as, where applicable, item 5 below.
F-6591-PC International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
птеттатопат аррисатоп 140.		
PCT/US 00/15963	09/06/2000	11/06/1999
Applicant		
SCIENTIFIC-ATLANTA INC		
This International Search Report has been according to Article 18. A copy is being tra	prepared by this International Searching Autonsmitted to the International Bureau.	thority and is transmitted to the applicant
This International Search Report consists	of a total of 3 sheets.	
	a copy of each prior art document cited in this	s report.
Basis of the report		
a. With regard to the language, the i language in which it was filed, unle	nternational search was carried out on the ba ess otherwise indicated under this item.	isis of the international application in the
the international search wa Authority (Rule 23.1(b)).	as carried out on the basis of a translation of	the international application furnished to this
		nternational application, the international search
was carried out on the basis of the contained in the internation	sequence listing : nal application in written form.	
=	rnational application in computer readable for	m.
furnished subsequently to	this Authority in written form.	
furnished subsequently to	this Authority in computer readble form.	
the statement that the sub- international application as	sequently furnished written sequence listing of ified has been furnished.	does not go beyond the disclosure in the
the statement that the info furnished	rmation recorded in computer readable form	is identical to the written sequence listing has been
2. Certain claims were four	nd unsearchable (See Box I).	
3. Unity of invention is lack	dng (see Box II).	
4. With regard to the title,		
X the text is approved as sub	omitted by the applicant.	
the text has been establish	ned by this Authority to read as follows:	
With regard to the abstract,		
X the text is approved as sub		
	ned, according to Rule 38.2(b), by this Author date of mailing of this international search re	ity as it appears in Box III. The applicant may, port, submit comments to this Authority.
6. The figure of the drawings to be published	shed with the abstract is Figure No.	9
as suggested by the applic	cant.	None of the figures.
because the applicant faile	ed to suggest a figure.	
because this figure better	characterizes the invention.	

A. CLASS IPC 7	HO4N	7/173	MATTER

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 - H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS		

Further documents are listed in the continuation of box C.

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Υ	US 5 721 827 A (LOGAN JAMES ET AL)	1,5,6,10
	24 February 1998 (1998-02-24)	0.4.7.0
А	the whole document	2-4,7-9, 11
Y	WO 98 26528 A (ADDINGTON TIMOTHY H ;DEFREESE DARRYL L (US); SCIENTIFIC	1,5,6,10
A	ATLANTA (U) 18 June 1998 (1998-06-18) the whole document	2-4,7-9, 11
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 08, 30 June 1999 (1999-06-30) & JP 11 073361 A (SHARP CORP), 16 March 1999 (1999-03-16) abstract	1-11
	-/	

'A' document defining the general state of the art which is not considered to be affordular relevance. To considered the published on or after the international stilling date. 1. document which may throw doubte on priority claim(a) or which a claim to relate the published not also denote which a claim to relate the two doubte on priority claim(a) or which a claim or least of the supporting of an order declaration. 1. document retering to an oral declaration, use, schibition or other means. 1. document published prior to the international sting date but later than the priority date claims.	This ter document published after the international filing date class of the control of the cont
Date of the actual completion of the international search 25 August 2000	Date of mailing of the international search report $01/09/2000$
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Greve, M

Patent family members are listed in annex.

INTERN NAL SEARCH REPORT

PCT/US 00/15963 C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Α EP 0 572 090 A (KONINKL PHILIPS 1-11 ELECTRONICS NV) 1 December 1993 (1993-12-01) the whole document US 5 694 546 A (REISMAN RICHARD R) 1,2,4 2 December 1997 (1997-12-02) abstract Α US 5 751 282 A (MATTHEWS III JOSEPH H ET 1-11 AL) 12 May 1998 (1998-05-12) the whole document

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INTERI NAL SEARCH REPORT Int. Ic. Application No. Information on patent family members

PCT/US 00/15963

	tent document in search report		Publication date	Patent family Publication member(s) date	
US	5721827	A	24-02-1998	NONE	
WO	9826528	Α	18-06-1998	AU 7851498 A 03-07-1 EP 0996898 A 03-05-2	
JP	11073361	Α	16-03-1999	NONE	
EP	0572090	A	01-12-1993	US 5223924 A 29-06-1 DE 69322439 D 21-01-1 DE 69322439 T 24-06-1 JP 6197342 A 15-07-1 US 5469206 A 21-11-1 US 5483278 A 09-01-1	999 999 994 995
US	5694546	Α	02-12-1997	WO 9533236 A 07-12-1	95
us	5751282	Α	12-05-1998	NONE	